

Non-refereed publications in 2015

- [1] G. Bruno, J.-M. Almenara, S. C. C. Barros, A. Santerne, R. F. Díaz, M. Deleuil, C. Damiani, A. S. Bonomo, I. Boisse, F. Bouchy, G. Hébrard, and G. Montagnier. SOPHIE velocimetry of Kepler transit candidates: a joint photometric, spectroscopic and dynamical analysis of the Kepler-117 system. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 06014, September 2015.
- [2] C. Damiani. Star-planet interactions and dynamical evolution of exoplanetary systems. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 04004, September 2015.
- [3] C. Damiani and A.-F. Lanza. Evolution of angular-momentum-losing exoplanetary systems. *European Planetary Science Congress 2015, held 27 September - 2 October, 2015 in Nantes, France, Online at <http://meetingorganizer.copernicus.org/EPSC2015/>, id.EPSC2015-730*, 10:EPSC2015–730, October 2015.
- [4] C. Damiani and A.-F. Lanza. Evolution of angular-momentum-losing exoplanetary systems - Revisiting Darwin stability. In *AAS/Division for Extreme Solar Systems Abstracts*, volume 3 of *AAS/Division for Extreme Solar Systems Abstracts*, page 109.06, December 2015.
- [5] C. Damiani and A. F. Lanza. VizieR Online Data Catalog: Exoplanetary systems fundamental parameters (Damiani+, 2015). *VizieR Online Data Catalog*, 357, March 2015.
- [6] S. Deheuvels, V. Silva Aguirre, M. S. Cunha, T. Appourchaux, J. Ballot, I. Brandão, Y. Lebreton, and E. Michel. An attempt to calibrate core overshooting using the seismic properties of low-mass stars. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 01013, September 2015.
- [7] A. Deru, S. Chaintreuil, F. Baudin, A. Ferrigno, and A. Baglin. CoRoT data: final pipe-line for bright stars. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 06022, September 2015.
- [8] A. Deru, S. Chaintreuil, F. Baudin, A. Ferrigno, and A. Baglin. CoRoT data: final pipe-line for faint stars. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 06023, September 2015.
- [9] J.-P. Halain, A. Mazzoli, S. Meining, P. Rochus, E. Renotte, F. Auchère, U. Schühle, F. Delmotte, C. Dumesnil, A. Philippon, R. Mercier, and A. Hermans. The extreme ultraviolet imager of solar orbiter: optical design and alignment scheme. In *Solar Physics and Space Weather Instrumentation VI*, volume 9604 of *Proceedings of the SPIE*, page 96040H, September 2015.

- [10] J.-P. Halain, P. Rochus, E. Renotte, A. Hermans, L. Jacques, F. Auchère, D. Berghmans, L. Harra, U. Schühle, W. Schmutz, A. Zhukov, R. Aznar Cuadrado, F. Delmotte, C. Dumesnil, M. Gyo, T. Kennedy, P. Smith, J. Tandy, R. Mercier, and C. Verbeeck. The extreme UV imager telescope on-board the Solar Orbiter mission: overview of phase C and D. In *Solar Physics and Space Weather Instrumentation VI*, volume 9604 of *Proceedings of the SPIE*, page 96040G, September 2015.
- [11] D. M. Hassler, C. Zeitlin, B. Ehresmann, and R. F. Wimmer-Schweingruber. Solar Flares, CMEs, and Space Weather Measurements from the Surface of Mars with the RAD Instrument on the Mars Science Laboratory. *IAU General Assembly*, 22:2258197, August 2015.
- [12] R. Ishikawa, R. Kano, A. Winebarger, F. Auchere, J. Trujillo Bueno, T. Bando, N. Narukage, K. Kobayashi, Y. Katsukawa, M. Kubo, S.-n. Ishikawa, G. Giono, S. Tsuneta, H. Hara, Y. Suematsu, T. Shimizu, T. Sakao, K. Ichimoto, J. Cirtain, B. De Pontieu, R. Casini, R. Manso Sainz, A. Asensio Ramos, J. Stepan, and L. Belluzzi. CLASP: A UV Spectropolarimeter on a Sounding Rocket for Probing the Chromosphere-Corona Transition Regio. *IAU General Assembly*, 22:2254536, August 2015.
- [13] J. W. Leibacher, F. Baudin, and M. C. Rabello Soares. Excitation of Resonant Helioseismic Modes by Solar Flares. In *AAS/AGU Triennial Earth-Sun Summit*, volume 1 of *AAS/AGU Triennial Earth-Sun Summit*, page 103.02, April 2015.
- [14] J. W. Leibacher, F. Baudin, and Maria Cristina Rabello Soares. Excitation of Resonant Helioseismic Modes by Solar Flares. *IAU General Assembly*, 22:2257140, August 2015.
- [15] P. Lemaire, J.-C. Vial, W. Curdt, U. Schuhle, and K. Wilhelm. VizieR Online Data Catalog: Sun hydrogen Lyman irradiance lines profiles (Lemaire+, 2015). *VizieR Online Data Catalog*, 358, July 2015.
- [16] P.-Y. Meslin, C. Zeitlin, D. M. Hassler, R. F. Wimmer-Schweingruber, B. Ehresmann, J. Guo, S. Böttcher, J. Köhler, and D. E. Brinza. Measuring Atmospheric Radon with the RAD Instrument Onboard Curiosity. In *Lunar and Planetary Science Conference*, volume 46 of *Lunar and Planetary Science Conference*, page 2842, March 2015.
- [17] T. Metcalfe and O. Creevey. Asteroseismic Properties of 16 Cyg A and B from the Complete Kepler Data Set. *IAU General Assembly*, 22:2246154, August 2015.
- [18] S. Parenti. Spectral Diagnostics of Cool Prominence and PCTR Optically Thin Plasmas. In J.-C. Vial and O. Engvold, editors, *Solar Prominences*, volume 415 of *Astrophysics and Space Science Library*, page 61, 2015.
- [19] F. J. G. Pinheiro, J. M. Fernandes, M. S. Cunha, M. J. P. F. G. Monteiro, N. C. Santos, S. G. Sousa, J. P. Marques, J.-J. Fang, A. Mortier, and J. Sousa. VizieR Online Data Catalog: Mass estimation for FGK stars (Pinheiro+, 2014). *VizieR Online Data Catalog*, 744, May 2015.

- [20] E. Poretti, P. Mathias, C. Barban, F. Baudin, A. Miglio, J. Montalbán, T. Morel, and B. Mosser. The Red Giants in NGC 6633 as Seen with CoRoT, HARPS and SOPHIE. In A. Miglio, P. Eggenberger, L. Girardi, and J. Montalbán, editors, *Asteroseismology of Stellar Populations in the Milky Way*, volume 39 of *Astrophysics and Space Science Proceedings*, page 101, 2015.
- [21] S. K. Solanki, J. C. del Toro Iniesta, J. Woch, A. Gandorfer, J. Hirzberger, W. Schmidt, T. Appourchaux, and A. Alvarez-Herrero. The Polarimetric and Helioseismic Imager for Solar Orbiter: SO/PHI. In K. N. Nagendra, S. Bagnulo, R. Centeno, and M. Jesús Martínez González, editors, *Polarimetry*, volume 305 of *IAU Symposium*, pages 108–113, October 2015.
- [22] P. Stee, A. Meilland, and O. L. Creevey. Interferometry of massive stars: the next step. In G. Meynet, C. Georgy, J. Groh, and P. Stee, editors, *New Windows on Massive Stars*, volume 307 of *IAU Symposium*, pages 480–489, January 2015.
- [23] L. Strachan, Y.-K. Ko, J. D. Moses, J. M. Laming, F. Auchere, R. Casini, S. Fineschi, S. Gibson, M. Knoelker, C. Korendyke, S. McIntosh, M. Romoli, J. Rybak, D. Socker, S. Tomczyk, A. Vourlidas, and Q. Wu. Waves and Magnetism in the Solar Atmosphere (WAMIS). In K. N. Nagendra, S. Bagnulo, R. Centeno, and M. Jesús Martínez González, editors, *Polarimetry*, volume 305 of *IAU Symposium*, pages 121–126, October 2015.
- [24] K. Verma, J. P. Faria, H. M. Antia, S. Basu, A. Mazumdar, M. J. P. F. G. Monteiro, T. Appourchaux, W. J. Chaplin, R. A. García, and T. S. Metcalfe. Asteroseismic estimate of helium abundance of 16 Cyg A, B. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 06066, September 2015.
- [25] J.-C. Vial. Historical Background and Introduction. In J.-C. Vial and O. Engvold, editors, *Solar Prominences*, volume 415 of *Astrophysics and Space Science Library*, page 1, 2015.
- [26] J.-C. Vial and O. Engvold, editors. *Solar Prominences*, volume 415 of *Astrophysics and Space Science Library*, 2015.
- [27] T. R. White, V. Silva Aguirre, T. Boyajian, O. Creevey, D. Huber, K. von Braun, T. R. Bedding, Y. Elsworth, S. Hekker, D. Stello, and A. Weiss. Testing Asteroseismic Scaling Relations with Interferometry. In *European Physical Journal Web of Conferences*, volume 101 of *European Physical Journal Web of Conferences*, page 06068, September 2015.